

# Product Datasheet

## c-Myc Antibody (Myc.A7) - Azide and BSA Free NBP2-37822

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 9/9/2025 v.20.1

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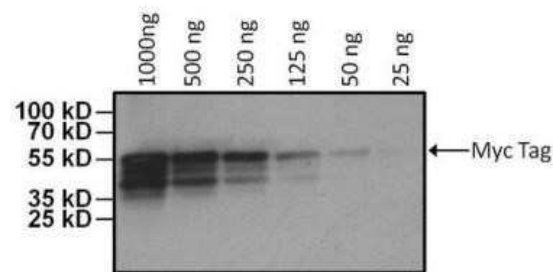
**NBP2-37822**

c-Myc Antibody (Myc.A7) - Azide and BSA Free

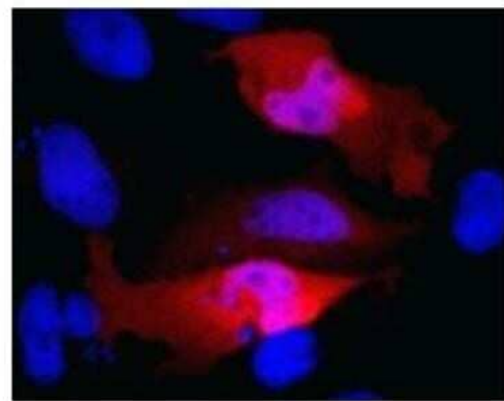
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	Myc.A7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Target Molecular Weight</b>	48.8 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse c-Myc Antibody (Myc.A7) - Azide and BSA Free (NBP2-37822) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and IP. Anti-c-Myc Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4609
<b>Gene Symbol</b>	MYC
<b>Species</b>	Non-species specific
<b>Specificity/Sensitivity</b>	Detects N-terminal or C-terminal Myc tagged fusion proteins. It has been successfully used in ELISA, immunofluorescence, immunoprecipitation and Western Blot procedures. immunogen is a synthetic peptide EQKLISEEDL (Myc).
<b>Immunogen</b>	Synthetic peptide: EQKLISEEDL c-Myc Antibody (Myc.A7).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:3000, Flow Cytometry, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:500 - 1:2000, Immunoprecipitation 1:10 -1:500, CyTOF-ready

## Images

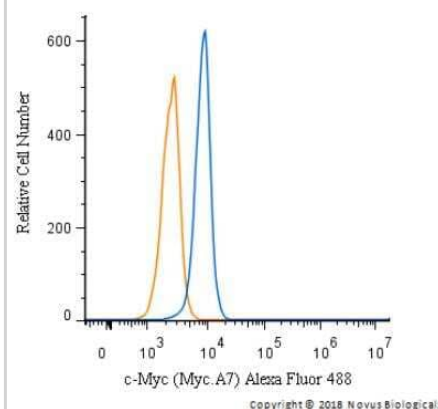
**Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822]** - Analysis using the HRP conjugate of NBP2-37822. Detection of Myc Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with an HRP-conjugated Myc Epitope Tag monoclonal antibody at a dilution of 1:1000 overnight at 4°C on a rocking platform and washed in TBS-0.1% Tween-20. Chemiluminescent detection was performed using SuperSignal West Pico.



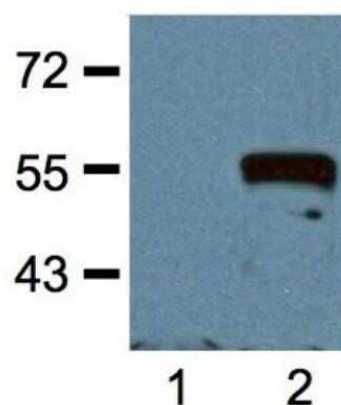
**Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822]** - Analysis using the DyLight 680 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature.



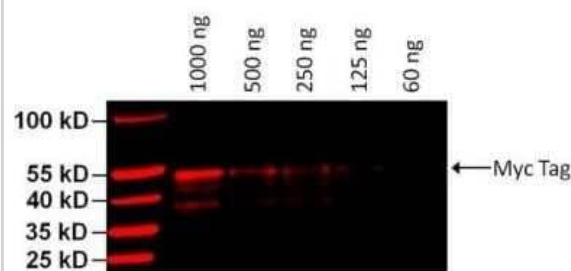
**Flow Cytometry: c-Myc Antibody (Myc.A7) [NBP2-37822]** - An intracellular stain was performed on Jurkat cells with c-Myc Antibody (Myc.A7) NBP2-37822AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 µg/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



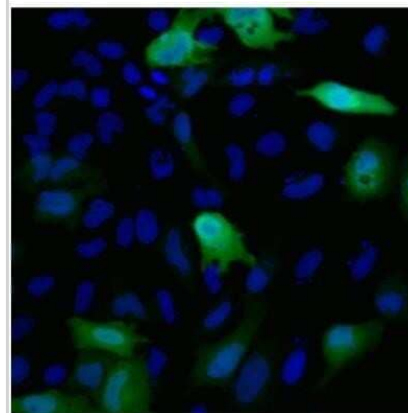
**Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822]** - Analysis of 1:1000 (1 µg/mL) Ab dilution probed against HEK293 cells transfected with Myc-tagged protein vector; untransfected (1) and transfected (2)



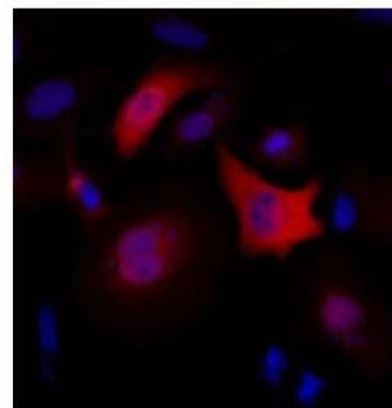
Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 680 conjugate of NBP2-37822. Detection of Myc Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with a DyLight 680-conjugated Myc Epitope Tag monoclonal antibody at a dilution of 1:1000 for 1 hour at room temperature on a rocking platform and washed in TBS-0.1% Tween-20. Detection was performed using the LI-COR Odyssey.



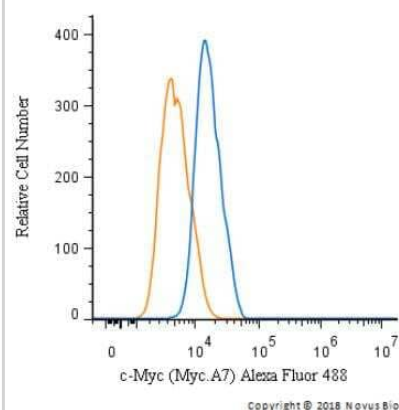
Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 488 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature.



Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 550 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature.



Flow Cytometry: c-Myc Antibody (Myc.A7) [NBP2-37822] - An intracellular stain was performed on HepG2 cells with c-Myc Antibody (Myc.A7) NBP2-37822AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



## Publications

Tang S, Kim PS A high-affinity human PD-1/PD-L2 complex informs avenues for small-molecule immune checkpoint drug discovery Proc Natl Acad Sci U S A 2019-11-16 [PMID: 31727844]



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### **Products Related to NBP2-37822**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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